



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 11, 2002

Ms. Laura L. S. Kimberly  
Acting Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Ms. Kimberly:

In response to your February 11, 2002, request, enclosed is the NRC input for the Report on Cost Estimates for Security Classification Activities in the format specified.

If you have any questions, please contact Thomas Martin on (301) 415-8080.

Sincerely,

  
Patricia G. Norry  
Deputy Executive Director  
for Management Services

Enclosure:  
As stated

03/21/02

2003 Security Costs Estimates Display

U.S. Nuclear Regulatory Commission  
All figures are in thousands of dollars.

Reporting Categories	FY 2001*	FY 2002*	FY 2003
1. Personnel Security	1,137	1,323	1,248
2. Physical Security	1,506	1,660	1,766
3. Information Security (Sum of a, b & c below)	609	770	1,124
a. Classification Management	202	256	309
b. Declassification	87	110	133
c. Information Technology (Electronic Security)	320	404	682
4. Professional Education, Training and Awareness	6	8	8
5. Security Management, Oversight and Planning	428	452	468
6. Unique Items	- 0 -	- 0 -	- 0 -
Totals: Fiscal Year Estimates	<del>3,680</del> 3,686	4,213	4,614
Totals: Full-Time Equivalents (FTE)	18	19	18

\* Updated to reflect actual budget.

Point of contact: Wayne G. Burnside, Division of Facilities and Security (301) 415-2211

Narrative:

- 1) Personnel Security - Personnel Security costs for FY-01 and FY-02 are based on FTE\*\* and actual budgets. Cost estimates for FY-03 are based on FTE and budget projections. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations) are dedicated to classified activities. The personnel security cost projections for FY-03 are slightly lower than FY-02 costs because more security reinvestigations are planned for FY-02.
- 2) Physical Security - Physical Security costs for FY-01 and FY-02 are based on FTE and actual budgets. Cost estimates for FY-03 are based on FTE and budget projections. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. The physical security costs for FY-03 are projected to be slightly higher due to increased costs for security guard services and the cost of FTE.
- 3) Information Security - Information Security costs for FY-01 and FY-02 are based on FTE and actual budgets. Costs for FY-03 are based on FTE and budget projections. The FY-03 cost increase is primarily due to additional resources and planned initiatives for Homeland Security and an increase in the cost of FTE.
- 4) Professional Education Training and Awareness - NRC has a very small training and awareness program, with less than one FTE assigned to it. Educational activities are expected to increase slightly.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related solely to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for 2001-2003.

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\*\* FY-01 unit FTE cost = \$107,000  
FY-02 unit FTE cost = \$113,000  
FY-03 unit FTE cost = \$117,000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

*Rec'd 3/17/03*

March 11, 2003

Ms. Laura L. S. Kimberly  
Associate Director for Policy  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Ms. Kimberly:

In response to your February 7, 2003, request, enclosed is the U. S. Nuclear Regulatory Commission's input for the Report on Cost Estimates for Security Classification Activities in the format specified.

If you have any questions, please contact A. Lynn Silvius on (301) 415-2214.

Sincerely,

A handwritten signature in black ink, appearing to read "W. F. Kane", is written over the typed name.

William F. Kane  
Deputy Executive Director  
for Reactor Programs

Enclosure:  
As stated

Ms. Laura L. S. Kimberly  
Associate Director for Policy  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Ms. Kimberly:

In response to your February 7, 2003, request, enclosed is the NRC input for the Report on Cost Estimates for Security Classification Activities in the format specified.

If you have any questions, please contact A. Lynn Silvius on (301) 415-2214.

Sincerely,

William F. Kane  
Deputy Executive Director  
for Reactor Programs

Enclosure:  
As stated  
Distribution:  
EDO Control: G20030070  
NSIR Ticket No. 03-0113  
NSIR R/F  
DNS R/F  
INFOSEC R/F  
W. D. Travers, EDO  
C. J. Paperiello, DED  
W. F. Kane, DEDR  
P. G. Norry, DEDM  
J. W. Craig, OEDO  
K. D. Cyr, GC  
S. G. Burns, OGC  
J. L. Funches, CFO  
M. L. Springer, ADM  
S. Reiter, CIO  
C. C. Schum, OEDO

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OFFICE	INFOSEC	INFOSEC	OCFO	ADM/DFS
NAME	WGBurnside	ALSilvius	TMPulliam	TOMartin
DATE	03/ /03	03/ /03	03/ /03	03/ /03

OFFICE	OCIO	DNS	D/DNS	NSIR	DEDPR
NAME	DGalik	CHaney	GMTracy	RPZimmerman	WFKane
DATE	03/ /03	03/ /03	03/ /03	03/ /03	03/ /03



2003 Security Costs Estimates Display

U.S. Nuclear Regulatory Commission  
All figures are in thousands of dollars.

Reporting Categories	FY 2002* (Est. in 000s)	FY 2003* (Est. in 000s)	FY 2004 (Est. in 000s)
1. Personnel Security	1,323	1,604	1,394
2. Physical Security	1,660	1,766	2,360
3. Information Security (Sum of a, b & c below)	770	1,239	1,538
a. Classification Management	256	371	476
b. Declassification	110	159	204
c. Information Technology (Electronic Security)	404	709	858
4. Professional Education, Training and Awareness	8	6	6
5. Security Management, Oversight and Planning	452	468	484
6. Unique Items	-0-	-0-	-0-
Totals: Fiscal Year Estimates	4,213	5,083	5,672
Totals: Full-Time Equivalents (FTE)	19	18	20.5

\* Updated to reflect actual budget.

Point of contact: Wayne G. Burnside, Division of Nuclear Security (301) 415-2211

Narrative:

- 1) Personnel Security - Personnel Security costs for FY-02 and FY-03 are based on FTE\*\* and actual budgets. Cost estimates for FY-04 are based on FTE and budget projections. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations) are dedicated to classified activities. The personnel security cost projections for FY-04 are lower than FY-03 costs because more security reinvestigations are planned for FY-03.
- 2) Physical Security - Physical Security costs for FY-02 and FY-03 are based on FTE and actual budgets. Cost estimates for FY-04 are based on FTE and budget projections. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. The physical security costs for FY-04 are projected to be higher due to increased costs for security guard services and the cost of FTE.
- 3) Information Security - Information Security costs for FY-02 and FY-03 are based on FTE and actual budgets. Costs for FY-04 are based on FTE and budget projections. The FY-04 cost increase is primarily due to additional resources and planned initiatives for Homeland Security and an increase in the cost of FTE.
- 4) Professional Education Training and Awareness - NRC has a very small training and awareness program, with less than one FTE assigned to it. Educational activities are expected to increase slightly.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related solely to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for 2002-2004.

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\*\* FY-02 unit FTE cost = \$113,000

FY-03 unit FTE cost = \$117,000

FY-04 unit FTE cost = \$121,000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 25, 2004

Laura L.S. Kimberly  
Associate Director for Policy  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Ms. Kimberly:

In response to your February 2, 2004, request, enclosed is the U.S. Nuclear Regulatory Commission input for the Report on Cost Estimates for Security Classification Activities.

If you have any questions, please contact A. Lynn Silvius at 301-415-2211.

Sincerely,

A handwritten signature in black ink, appearing to read "William F. Kane", is positioned above the typed name.

William F. Kane  
Deputy Executive Director for  
Homeland Protection and Preparedness

Enclosure:  
As stated



2005 Security Classification Cost Estimates Display

U.S. Nuclear Regulatory Commission  
All figures are in thousands of dollars.

Reporting Categories	FY 2003* (Est. in 000s)	FY 2004* (Est. in 000s)	FY 2005 (Est. in 000s)
1. Personnel Security	1,604	1,578	1,711
2. Physical Security	1,766	2,275	2,353
3. Information Security (Sum of a, b, c and d)	1,128	2,233	2,514
a. Classification Management	371	384	400
b. Declassification	159	164	172
c. Information Systems Security	584	1,670	1,925
d. Miscellaneous (OPSEC and TSCM) **	14	15	17
4. Professional Education, Training and Awareness	125	40	60
5. Security Management, Oversight and Planning	468	484	504
6. Unique Items	-0-	-0-	-0-
Totals: Fiscal Year Estimates	5,091	6,610	7,142
Totals: Full-Time Equivalents (FTE)	18	20.5	21

\* Updated to reflect actual budget.

\*\* NRC has no OPSEC program. The costs associated with TSCM are budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of contact: Wayne G. Burnside, Division of Nuclear Security (301) 415-2211

Enclosure

Narrative.

- 1) Personnel Security - Personnel Security costs for FY-03 and FY-04 are based on FTE\*\*\* and actual budgets. Cost estimates for FY-05 are based on FTE and budget projections. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations) are dedicated to classified activities. The personnel security cost projections for FY-05 are higher due to the reinvestigation cycle, the inclusion of a clearance program for reactor licensees, and OPM's projected price increase for all investigations.
- 2) Physical Security - Physical Security costs for FY-03 and FY-04 are based on FTE and actual budgets. Cost estimates for FY-05 are based on FTE and budget projections. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. The physical security costs for FY-05 are projected to be slightly higher due to increased costs for security guard services and the cost of FTE.
- 3) Information Security - Information Security costs for FY-03 and FY-04 are based on FTE and actual budgets. Costs for FY-05 are based on FTE and budget projections. The FY-05 cost increase is primarily due to an increase in secure communications equipment, systems, and networks (e.g., secure cellular service and secure video teleconferencing).
- 4) Professional Education Training and Awareness - NRC has a small training and awareness program with no FTE assigned to it. However, contract dollars are being expended on the development of web-based training initiatives. As the web-based training initiative nears completion, fewer dollars will be required to maintain the program.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related solely to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for 2003-2005.

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\*\*\* FY-03 unit FTE cost = \$117,000  
FY-04 unit FTE cost = \$121,000  
FY-05 unit FTE cost = \$126,000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 24, 2005

J. William Leonard  
Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Mr. Leonard:

In response to your February 11, 2005, request, enclosed is the U.S. Nuclear Regulatory Commission input for the Report on Cost Estimates for Security Classification Activities.

If you have any questions, please contact A. Lynn Silvius on 301-415-2211.

Sincerely,

A handwritten signature in cursive script, appearing to read "William F. Kane", is positioned above the typed name.

William F. Kane  
Deputy Executive Director  
for Homeland Protection and Preparedness  
Office of the Executive Director for Operations

Enclosure: As stated

# FY-2006 Classification Costs Estimates Display

## U.S. Nuclear Regulatory Commission

Reporting Categories	FY 2004*	FY 2005*	FY 2006
1. Personnel Security	1,578,000	1,909,000	1,975,000
2. Physical Security	2,275,000	2,502,000	2,538,000
3. Information Security			
a. Classification Management	384,000	495,000	541,000
b. Declassification	164,000	212,000	232,000
c. Information Systems Security for Classified Information	1,670,000	2,243,000	2,513,000
d. Miscellaneous (OPSEC and TSCM) **	15,000	17,000	20,000
e. Information Security Subtotal (Sum of a., b., c., and d.)	2,233,000	2,967,000	3,306,000
4. Professional Education, Training and Awareness	40,000	60,000	6,000
5. Security Management, Oversight, and Planning	484,000	504,000	520,000
6. Unique Items	-0-	-0-	-0-
Totals: Fiscal Year Estimates	6,610,000	7,942,000	8,345,000

\* Updated to reflect actual budget.

\*\* NRC has no OPSEC program. The costs associated with TSCM are budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of contact: Wayne G. Burnside, Division of Nuclear Security (301) 415-2211

OK



Narrative:

- 1) Personnel Security - Personnel Security costs for FY-04 and FY-05 are based on FTE\*\*\* and actual budgets. Cost estimates for FY-06 are based on FTE and budget projections. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations) are dedicated to classified activities. The personnel security cost projections for FY-06 are slightly higher due to the reinvestigation cycle and OPM's projected price increase for all investigations.
- 2) Physical Security - Physical Security costs for FY-04 and FY-05 are based on FTE and actual budgets. Cost estimates for FY-06 are based on FTE and budget projections. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. The physical security costs for FY-06 are projected to be slightly higher due to increased costs for security guard services.
- 3) Information Security - Information Security costs for FY-04 and FY-05 are based on FTE and actual budgets. Costs for FY-06 are based on FTE and budget projections. The FY-06 cost increase is primarily due to additional resources and planned initiatives for Homeland Security.
- 4) Professional Education Training and Awareness - NRC has a very small training and awareness program, with less than one FTE assigned to it. Whereas contract dollars were expended on the development of a web based training initiative in FY-04 and 05, that FY-06 expenditures are expected to decrease significantly due to the completion of the web based training initiative.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related solely to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for 2004-2006.

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\*\*\* FY-04 unit FTE cost = \$121,000  
FY-05 unit FTE cost = \$126,000  
FY-06 unit FTE cost = \$130,000



Ref 14 20 06  
2/16



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

April 13, 2006

J. William Leonard  
Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Mr. Leonard:

In response to your February 17, 2006, request, enclosed is the U.S. Nuclear Regulatory Commission submission for the Report on Cost Estimates for Security Classification Activities.

If you have any questions, please contact A. Lynn Silvius on 301-415-2211.

Sincerely,

A handwritten signature in black ink, appearing to read "William F. Kane", is written over a horizontal line.

William F. Kane  
Deputy Executive Director  
for Reactor and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
As stated

# **FY-2007 Security Costs Estimates Display**

## **U.S. Nuclear Regulatory Commission**

Reporting Categories	FY 2005*	FY 2006*	FY 2007
1. Personnel Security	1,579,920	1,783,500	2,225,460
2. Physical Security	2,502,000	2,496,000	3,352,800
3. Information Security			
a. Classification Management	495,000	628,000	680,000
b. Declassification	212,000	269,000	292,000
c. Information Systems Security for Class Info.	2,243,000	3,361,000	3,980,000
d. Miscellaneous (OPSEC and TSCM) **	17,000	20,000	20,000
e. Information Security Subtotal (Sum of a., b., c., and d.)	2,967,000	4,278,000	4,972,000
4. Professional Education, Training and Awareness	60,000	17,000	17,000
5. Security Management, Oversight and Planning	504,000	520,000	552,000
6. Unique Items	-0-	-0-	-0-
Totals: Fiscal Year Estimates	7,612,920	9,094,500	11,119,260

\* Updated to reflect actual budget.

\*\* NRC has no OPSEC program. The cost associated with TSCM are budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of contact: Wayne G. Burnside, Division of Facilities and Security (301) 415-2211

Enclosure

Narrative:

- 1) Personnel Security - Personnel Security costs for FY-05 and FY-06 are based on FTE\*\*\* and actual budgets. Cost estimates for FY-07 are based on FTE and budget projections. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations including the cost of contractors) are dedicated to classified activities.
- 2) Physical Security - Physical Security costs for FY-05 and FY-06 are based on FTE and actual budgets. Cost estimates for FY-07 are based on FTE and budget projections. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. The physical security costs for FY-07 are projected to be higher due to increased costs for security guard services, the cost of FTE, and the expansion of secure facilities.
- 3) Information Security - Information Security costs for FY-05 and FY-06 are based on FTE and actual budgets. Costs for FY-07 are based on FTE and budget projections. The FY-07 cost increase is primarily due to additional resources and planned initiatives for Homeland Security, an increase in the cost of FTE, and increased declassification activities. Information Security costs also reflect for the first time budget estimates for NRC's secure local area network.
- 4) Professional Education Training and Awareness - NRC has a very small training and awareness program, with less than one FTE assigned to it. Educational activities vary from year to year depending on planned initiatives.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related solely to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for 2005-2007.

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\*\*\* FY-05 unit FTE cost = \$126,000  
FY-06 unit FTE cost = \$130,000  
FY-07 unit FTE cost = \$138,000



4/19/07

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 10, 2007

J. William Leonard, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408

Dear Mr. Leonard:

In response to your January 25, 2007, request, enclosed is the U.S. Nuclear Regulatory Commission submission for the Report on Cost Estimates for Security Classification Activities.

If you have any questions, please contact A. Lynn Silvious at (301) 415-2211.

Sincerely,

A handwritten signature in dark ink, appearing to read "William F. Kane", is written over a horizontal line.

William F. Kane  
Deputy Executive Director  
for Reactor and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure: As stated

## Security Cost Estimates Display

U.S. Nuclear Regulatory Commission

Reporting Categories	FY 2006*
1. Personnel Security	1,779,150
2. Physical Security	2,624,520
3. Information Security	
a. Classification Management	609,336
b. Declassification	261,144
c. Information Systems Security for Class Info.	3,345,614
d. Miscellaneous (OPSEC and TSCM) **	20,000
e. Information Security Subtotal (Sum of a., b., c., and d.)	4,236,094
4. Professional Education, Training and Awareness	17,000
5. Security Management, Oversight and Planning	650,000
6. Unique Items	-0-
Totals: Fiscal Year Estimates	9,306,764

\* Updated to reflect actual expenditures for FY-06.

\*\* NRC has no OPSEC program. The cost associated with TSCM is budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of Contact: Wayne G. Burnside, Information Security Branch 301-415-2211.

Enclosure



Narrative:

- 1) Personnel Security - Personnel Security costs for FY-06 are based on FTE\*\*\* and actual expenditures. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations including the cost of contractors) are dedicated to classified activities.
- 2) Physical Security - Physical Security costs for FY-06 are based on FTE and actual expenditures. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities.
- 3) Information Security costs for FY-06 are based on FTE and actual expenditures.
- 4) Professional Education Training and Awareness - NRC has a small training and awareness program, with .5 FTE assigned to it. Educational activities vary from year to year depending on planned initiatives.
- 5) Security Management, Oversight, and Planning - Costs associated with Security Management, Oversight, and Planning are related to FTE.
- 6) Unique Items - NRC has not allocated funds for unique items for FY-06.

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\*\*\* FY-06 unit FTE cost = \$130,000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 26, 2008

William J. Bosanko, Acting Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, D.C. 20408-0001

Dear Mr. Bosanko:

In response to your January 23, 2008, request, enclosed is the U.S. Nuclear Regulatory Commission submission for the Report on Cost Estimates for Security Classification Activities.

If you have any questions, please contact A. Lynn Silvious at 301-415-2214.

Sincerely,

A handwritten signature in dark ink, appearing to read "Bruce S. Mallett", is positioned above the typed name.

Bruce S. Mallett  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
As stated

## Security Cost Estimates Display

### U.S. Nuclear Regulatory Commission

Reporting Categories	FY 2007*
1. Personnel Security	2,041,000
2. Physical Security	3,480,700
3. Information Security	
(a.) Classification Management	652,050
(b.) Declassification	279,450
(c.) Information Systems Security for Classified Information	3,370,000
(d.) Miscellaneous (OPSEC and TSCM)**	5,000
(e.) Information Security Subtotal (Sum of 3.a., 3.b., 3.c., & 3.d.)	4,321,500
4. Professional Education, Training, and Awareness	17,000
5. Security Management, Oversight, and Planning	690,000
6. Unique Items	0
Totals: Fiscal Year Estimates	<del>10,550,200</del>

\* Updated to reflect actual expenditures for FY07.

10,535,200

\*\* NRC has no OPSEC program. The cost associated with TSCM is budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of Contact: Wayne G. Burnside, Information Security Branch, 301-415-2211.

Enclosure

Narrative:

- 1) Personnel Security costs for FY07 are based on FTE\*\*\* and actual expenditures. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations including cost of contractors) are dedicated to classified activities.
- 2) Physical Security costs for FY07 are based on FTE and actual expenditures. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities.
- 3) Information Security costs for FY07 are based on FTE and actual expenditures.
- 4) NRC has a small professional education training and awareness program, with .5 FTE assigned to it. Educational activities vary from year to year depending on planned initiatives.
- 5) Costs associated with Security Management, Oversight, and Planning are related to FTE.
- 6) Unique Items – NRC has no funds allocated for unique items for FY07.

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\*\*\* FY07 unit FTE cost = \$138,000

## Security Cost Estimates Display

### U.S. Nuclear Regulatory Commission

Reporting Categories	FY 2008
1. Personnel Security	3,190,300 ✓
2. Physical Security	5,813,000 ✓
3. Information Security	
a. Classification Management	661,500 ✓
b. Declassification	283,500 ✓
c. Information Systems Security for Classified Information	3,313,000 ✓
d. Miscellaneous (OPSEC and TSCM)*	40,000 ✓
4. Professional Education, Training, And Awareness	17,000 ✓
5. Security Management, Oversight, and Planning	700,000 ✓
6. Unique Items	0 ✓
Totals: Fiscal Year Estimates	14,018,300 ✓ ✓

\* NRC has no OPSEC program. The cost associated with TSCM is budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of Contact: Gary R. Langlie, Information Security Branch, 301-415-7121.

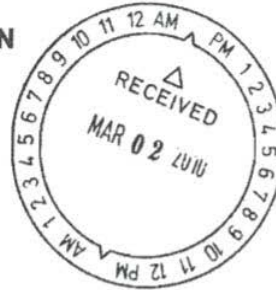
Enclosure





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 25, 2010



Mr. William J. Bosanko, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, N.W.  
Washington, DC 20408-0001

Dear Mr. Bosanko:

In response to your December 11, 2009, request, enclosed is the U.S. Nuclear Regulatory Commission submission for the Report on Cost Estimates for Security Classification Activities, for fiscal year 2009.

If you have any questions, please contact Bernard Stapleton, Chief, Information Security Branch, at (301) 415-2214.

Sincerely,

A handwritten signature in cursive script, appearing to read "B. S. Mallett".

Bruce S. Mallett  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
As stated

## Security Cost Estimates Display

### U.S. Nuclear Regulatory Commission

Reporting Categories	Fiscal Year 2009
1. Personnel Security	3,733,200
2. Physical Security	6,147,200
3. Information Security	
a. Classification Management	699,300
b. Declassification	299,700
c. Information Systems Security for Classified Information	2,926,100
d. Miscellaneous (OPSEC and TSCM)*	40,000
4. Professional Education, Training, And Awareness	17,000
5. Security Management, Oversight, and Planning	740,000
6. Unique Items	0
Totals: Fiscal Year Estimates	14,602,500

\* NRC has no OPSEC program. The cost associated with TSCM is budgeted under physical security. In accordance with these instructions, however, TSCM is being reported under the heading of Information Security.

Point of Contact: Gary R. Langlie, Information Security Branch, (301) 415-7121.

Enclosure

Narrative:

- 1) Personnel Security costs for fiscal year (FY) 09 are based on FTE\*\* and actual expenditures. It is estimated that 87% of personnel security costs (i.e., FTE plus personnel security investigations including cost of contractors) are dedicated to classified activities. FY09 expenditures have increased over FY08 due to NRC hiring and thus clearing more personnel.
- 2) Physical Security costs for FY09 are based on FTE and actual expenditures. It is estimated that 60% of physical security costs (i.e., FTE plus physical security components such as guards, intrusion detection systems, and access control systems) are dedicated to classified activities. FY09 expenditures have increased over FY08 due to NRC occupying several additional buildings along with their associated security costs.
- 3) Information Security costs for FY09 are based on FTE and actual expenditures.
- 4) NRC has a small professional education training and awareness program, with .5 FTE assigned to it. Educational activities vary from year to year depending on planned initiatives.
- 5) Costs associated with Security Management, Oversight, and Planning are related to FTE.
- 6) Unique Items – NRC has no funds allocated for unique items for FY09.

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\*\* FY09 unit FTE cost = \$148,000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 15, 2011

William J. Bosanko, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408-0001

Dear Mr. Bosanko:

In response to your December 21, 2010 request, enclosed is the U.S. Nuclear Regulatory Commission (NRC) submission for the *Report on Cost Estimates for Security Classification Activities for Fiscal Year 2010*.

Should you have any questions regarding this NRC cost estimate, please contact Bernard W. Stapleton, Chief, Information Security Branch, Division of Security Operations, Office of Nuclear Security and Incident Response at (301) 415-2214.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Virgilio", is positioned above the typed name.

Martin J. Virgilio  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
As stated

## Security Costs Estimates

<b>Department/Agency:</b>	Nuclear Regulatory Commission	<b>Fiscal Year:</b>	2010
<b>Point of Contact: (Name and phone number)</b>	Bernard W. Stapleton, Chief, Information Security Branch, Division of Security Operations, Office of Nuclear Security and Incident Response at (301) 415-2214		

### Reporting Categories

(Please use actual dollar figures instead of thousands)

<b>1. Personnel Security</b> <i>(include clearance program, initial investigations, national agency checks when used for basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification related activities)</i>	<b>\$3,908,650.00</b>
<b>2. Physical Security</b> <i>(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification related activities)</i>	<b>\$6,273,025.00</b>
<b>3. Information Security</b> <i>(only report costs associated with classification related activities)</i>	
<b>(a) Classification Management</b> <i>(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)</i>	<b>\$684,936.00</b>
<b>(b) Declassification</b> <i>(include resources used to identify and process information subject to the automatic, systematic, or mandatory review programs authorized by Executive order or statute)</i>	<b>\$293,544.00</b>
<b>(c) Information Systems Security for Classified Information</b> <i>(include resources used to protect information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)</i>	<b>\$3,026,320.00</b>
<b>(d) Miscellaneous (OPSEC and TSCM)</b> <i>(include personnel and operating expenses associated with these programs)</i>	<b>\$23,975.00</b>
<b>4. Professional Education, Training, and Awareness</b> <i>(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification related activities)</i>	<b>\$17,000.00</b>
<b>5. Security Management, Oversight, and Planning</b> <i>(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))</i>	<b>\$755,000.00</b>
<b>6. Unique Items</b> <i>(include department/agency-specific activities not reported in any of the categories listed above but are nonetheless significant and need to be included)</i>	<b>\$0.00</b>
<b>Total (sum of 1, 2, 3(a), 3(b), 3(c), 3(d), 4, 5, and 6)</b>	<b>14,982,450</b>

**Narrative:** provide a brief explanation of any significance difference between last year's and this year's cost estimates. Explain items entered into Block 6. Unique Items.

- 1) Personnel Security costs are based on FTE\*\* and actual expenditures. It is estimated that 87% of costs (FTE, security investigations, contractors) are related to classified activities.
- 2) Physical Security costs are based on FTE and actual expenditures. It is estimated that 60% of costs (FTE, guards, intrusion detection/access control systems) are related to classified activities.
- 3) Information Security costs for FY10 are based on FTE and actual expenditures.
- 4) NRC has a small professional education training and awareness program, with .5 FTE assigned.
- 5) Costs associated with Security Management, Oversight, and Planning are related to FTE.
- 6) Unique Items – NRC has no funds allocated for unique items for FY10.

\*\* FY10 unit FTE cost = \$151,000





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 17, 2012



Mr. John P. Fitzpatrick, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408-0001

Dear Mr. Fitzpatrick:

In response to your annual request, enclosed is the U.S. Nuclear Regulatory Commission (NRC) submission for the *Report on Cost Estimates for Security Classification Activities for Fiscal Year 2011*.

If you have any questions regarding this NRC cost estimate, please contact Bernard W. Stapleton, Chief, Information Security Branch, Division of Security Operations, Office of Nuclear Security and Incident Response at (301) 415-2214.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Virgilio".

Martin J. Virgilio  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
As stated

## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

**Department/Agency:** Nuclear Regulatory Commission

**Fiscal Year:** 2011

**Point of Contact:**

(Name and phone number) Bernard W. Stapleton, Chief, Information Security Branch, (301) 415-2214

**Reporting Categories**

Please use actual dollar figures.

**1. Personnel Security**

\$3,318,354.00

(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)

**2. Physical Security**

\$6,105,537.00

(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)

**3. Classification Management**

\$627,026.00

(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)

**4. Declassification**

\$268,726.00

(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)

**5. Protection and Maintenance for Classified Information Systems**

\$2,968,168.00

(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)

**6. Operations Security and Technical Surveillance Countermeasures**

\$13,895.00

(include personnel and operating expenses associated with OPSEC and TSCM)

**7. Professional Education, Training, and Awareness**

\$17,000.00

(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)

**8. Security Management, Oversight, and Planning**

\$754,000.00

(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security, and foreign ownership, control, or influence (FOCI))

**9. Unique Items**

\$0.00

(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)

**TOTAL**

\$14,072,706.00

(sum of items 1-9)

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

1 - 6 costs are based on FTE and actual expenditures. 7. NRC has a small professional education training and awareness program. 8. Costs are based on FTE.

## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

Department/Agency: Nuclear Regulatory Commission

Fiscal Year: 2012

**Point of Contact:**

(Name and phone number) Bernard W. Stapleton, Chief, Information Security Branch, (301) 415-2214

### Reporting Categories

Please use actual dollar figures.

**1. Personnel Security**

(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)

\$3,859,039.00

**2. Physical Security**

(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)

\$9,270,273.00

**3. Classification Management**

(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)

\$686,342.00

**4. Declassification**

(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)

\$294,146.00

**5. Protection and Maintenance for Classified Information Systems**

(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)

\$3,253,659.00

**6. Operations Security and Technical Surveillance Countermeasures**

(include personnel and operating expenses associated with OPSEC and TSCM)

\$48,000.00

**7. Professional Education, Training, and Awareness**

(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)

\$44,000.00

**8. Security Management, Oversight, and Planning**

(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))

\$756,550.00

**9. Unique Items**

(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)

\$0.00

**TOTAL**

(sum of items 1-9)

\$18,212,009.00

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

1 - 6 costs are based on FTE and actual expenditures. 7. NRC has a small professional education training and awareness program. 8. Costs are based on FTE.



## Instructions for Completing Form

**I. General:** The data reported will be Government cost estimates only. The estimates of resource costs should be reported, in the aggregate, for the following categories: (1) Personnel Security; (2) Physical Security; (3) Classification Management; (4) Declassification; (5) Protection and Maintenance for Classified Information Systems; (6) Operations Security and Technical Surveillance Countermeasures; (7) Professional Education, Training, and Awareness; (8) Security Management, Oversight, and Planning; and (9) Unique Items. In reporting cost estimates associated with the security and management of classified information, please exclude all costs related to broad areas of assets protection (i.e., protection of property and personnel not specifically related to classified information). Counterintelligence\* resources should also not be included in this data collection. If 51% or more of a resource is devoted to a classification-related activity, it should be included in this estimate. For those resources used for classification-related activities on a part-time basis, the total time devoted to these activities over a year must be at least 51% in order to be included in this estimate. Even though we no longer ask for the number of FTEs, the cost of personnel associated with the security of classified information should be included in the overall cost estimate for each category.

**II. Definitions of data to be reported:** The primary categories are defined below along with related functional areas to be considered for inclusion. **Report only those cost estimates associated with classification-related activities** (programs that affect the security of classified information).

**1. Personnel Security:** A series of interlocking and mutually supporting program elements that initially establish a Government or contractor employee's eligibility, and ensure suitability for the continued access to classified information.

**Clearance Program:** Personnel and activities to determine eligibility and suitability for initial or continuing access to classified information or activities.

**Initial Investigations:** Completing and reviewing Personnel Security Questionnaire, initial screening, filing data in Central Personnel Database, forwarding to appropriate investigative authority, and the investigation itself.

**National Agency Check:** Include only when used for basis for granting a clearance.

**Adjudication:** Screening and analysis of personnel security cases for determining eligibility for classified access authorizations and appeals process.

**Reinvestigations:** Periodic recurring investigations of Government and contractor personnel.

**Polygraph:** Substantive examinations in security screening process.

**2. Physical Security:** That portion of security concerned with physical measures designed to safeguard and protect classified facilities and information, domestic or foreign.

**Physical Security Equipment:** Any item, device, or system that is used primarily for the protection of classified information and installations.

**Protective Forces:** All personnel and operating costs associated with protective forces used to safeguard classified information or installations, to include but not limited to salaries, overtime, benefits, materials and supplies, equipment and facilities, vehicles, aircraft, training, communications equipment, and management.

**Intrusion Detection and Assessment:** Alarms, sensors, protective lighting, and their control systems; and the assessment of the reliability, accuracy, timeliness, and effectiveness of those systems used to safeguard classified information or installations.

**Barrier/Controls:** Walls, fences, barricades, or other fabricated or natural impediments to restrict, limit, delay, or deny entry into a classified installation.

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\* Counterintelligence means information gathered and activities conducted to protect against espionage, other intelligence activities, sabotage, or assassinations conducted for or on behalf of foreign powers, organizations or persons or international terrorist activities, but not including personnel, physical, document, or communications security programs. (48 CFR 970.0404-1)

### Instructions for completing form, continued

**Vital Components and Tamper-Safe Monitoring:** Personnel and operating activities associated with the monitoring of tamper indicating devices for containers, doors, fences, etc., which reveal violations of containment integrity and posting and monitoring of anti-tamper warnings or signs.

**Access Control/Badging:** Personnel and hardware such as badging systems, card readers, turnstiles, metal detectors, cipher locks, CCTV, and other access control mechanisms to ensure that only authorized persons are allowed to enter or leave a classified facility.

**Visitor Control:** Personnel and activities associated with processing visitors for access to facilities holding classified information.

3. **Classification Management:** The system of administrative policies and procedures for identifying, controlling, and protecting from unauthorized disclosure, classified information, the protection of which is authorized by Executive Order or Statute. Classification management encompasses those resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information.

4. **Declassification:** The authorized change in the status of information from classified information to unclassified information. It encompasses those resources used to identify and process information subject to the automatic, systematic, or mandatory review programs authorized by Executive Order or Statute.

5. **Protection and Maintenance for Classified Information Systems:** A classified information system is a set of information resources organized for the collection, storage, processing, maintenance, use, sharing, dissemination, disposition, display, or transmission of classified information. Security of these systems involves the protection of information systems against unauthorized access to or modification of information, whether in storage, processing, or transit, and against the denial of service to authorized users, including those measures necessary to detect, document and counter such threats. This includes **TEMPEST** (short name referring to investigation, study, and control of compromising emanations from information systems equipment) and **Communications Security (COMSEC)** (measures and controls taken to deny unauthorized individuals information derived from telecommunications and to ensure the authenticity of such telecommunications. Communications security includes cryptosecurity, transmission security, emission security, and physical security of COMSEC material).

### 6. Operations Security (OPSEC) and Technical Surveillance Countermeasures (TSCM):

**Operations Security (OPSEC):** Systematic and proven process by which potential adversaries can be denied information about capabilities and intentions by identifying, controlling, and protecting generally unclassified evidence of the planning and execution of sensitive activities. The process involves five steps: identification of critical information, analysis of threats, analysis of vulnerabilities, assessment of risks, and application of appropriate countermeasures.

**Technical Surveillance Countermeasures (TSCM):** Personnel and operating expenses associated with the development, training, and application of technical security countermeasures such as non-destructive and destructive searches, electromagnetic energy searches, and telephone system searches.

7. **Professional Education, Training, and Awareness:** The establishment, maintenance, direction, support, and assessment of an information security training and awareness program; the certification and approval of the training program; the development, management, and maintenance of training records; the training of personnel to perform tasks associated with their duties; and qualification and/or certification of personnel before assignment of security responsibilities related to classified information.

8. **Security Management, Oversight, and Planning:** Development and implementation of plans, procedures, and actions to accomplish policy requirements, develop budget and resource requirements, oversee organizational activities, and respond to management requests related to classified information.

**Research, Test, and Evaluation:** The development, management, and oversight of an acceptance and validation testing and evaluation program, corrective action reports and related documentation that addresses safeguards and security elements. The examination and testing of physical security systems (construction, facilities, and equipment) to ensure their effectiveness and operability and compliance with applicable directives.



### Instructions for completing form, continued

**Surveys, Reviews, Accreditation, and Assessments:** Personnel and activities associated with surveys, reviews, accreditations, and assessments to determine the status of the security program and to evaluate its effectiveness; development and management of a facility survey and approval program; facility pre-survey; and information technology system accreditation.

**Special Access Programs (SAP):** Programs established for a specific class of classified information that impose safeguarding and access requirements that exceed those normally required for information at the same classification level. Unless specifically authorized by the President, only the Secretaries of State, Defense, Energy, and the Director of National Intelligence may create an SAP. Sensitive Compartmented Information (SCI) programs are not included as SAPs for the purpose of these estimates; rather SCI security costs are integrated and estimated throughout all categories as appropriate. Do not include costs here that have been reported under the other primary categories.

**Security and Investigative Matters:** The investigation of security incidents, infractions, and violations.

**Industrial Security (Non-Contractor Costs):** Those measures and resources directly identifiable as Government activities performed for the protection of classified information to which contractors, subcontractors, vendors, or suppliers have access or possession. Examples of such activities are industrial security reviews, surveys, and the granting of facility clearances, and National Industrial Security Program management and administration.

**Foreign Ownership, Control, or Influence (FOCI):** The development and management of a foreign ownership, control, or influence program; evaluation of FOCI submissions; the administration and monitoring of FOCI information and development of FOCI notifications.

9. **Unique Items:** Those department/agency-specific activities that are not reported in any of the primary categories but are nonetheless significant, and need to be included, should be noted in this category. Any unique item must include a narrative on why it should be included and how the figures were developed.

**III. How to complete the security costs estimates form.** The form (page 1) should include estimates of resource costs in the aggregate for each of the nine categories. The cost estimates reported should **not** include costs associated with the broader area of assets protection.

1. **Name of Department/Agency:** Self-explanatory.

2. **Reporting Categories:** List cost estimates in dollar amounts. The cost of personnel associated with the security of classified information should be included in the overall cost estimate for each category. If there are no cost estimates to be reported for a particular category, indicate with a "0" in the appropriate block.

3. **Totals:** The totals for blocks 1-9 will automatically be placed in the appropriate block.

4. **Narrative:** In the narrative portion of the form, or in a separate attachment, provide a brief explanation of how cost estimates were determined. If there is a significant difference between the total figures for each fiscal year, explain the differences. Any figure reported within the Unique Items category should be clearly explained in the narrative portion.

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

Mr. John P. Fitzpatrick, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, DC 20408-0001

Dear Mr. Fitzpatrick:

In response to your annual request, enclosed is the U.S. Nuclear Regulatory Commission (NRC) submission for the *Report on Cost Estimates for Security Classification Activities for Fiscal Year 2013*.

If you have any questions regarding this NRC cost estimate, please contact Mrs. Krista Ziebell, Information Security Branch, Division of Security Operations, Office of Nuclear Security and Incident Response at (301) 415-7121.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael R. Johnson", is written over a horizontal line.

Michael R. Johnson  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
*Cost Estimates for Security Classification  
Activities for Fiscal Year 2013*

Enclosure(s) transmitted herewith  
contain(s) ~~SI~~SI. When  
separated from enclosure(s), this  
transmittal document is  
decontrolled.

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

**Department/Agency:** United States Nuclear Regulatory Commission

**Fiscal Year:** 2013

**Point of Contact:**

(Name and phone number) Krista M. Ziebell, Information Security Specialist, (301) 415-7121

### Reporting Categories

Please use actual dollar figures.

**1. Personnel Security**

(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)

\$4,545,666.00

**2. Physical Security**

(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)

\$9,978,504.00

**3. Classification Management**

(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)

\$724,375.00

**4. Declassification**

(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)

\$0.00

**5. Protection and Maintenance for Classified Information Systems**

(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)

\$3,622,500.00

**6. Operations Security and Technical Surveillance Countermeasures**

(include personnel and operating expenses associated with OPSEC and TSCM)

\$56,750.00

**7. Professional Education, Training, and Awareness**

(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)

\$38,125.00

**8. Security Management, Oversight, and Planning**

(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))

\$762,500.00

**9. Unique Items**

(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)

\$0.00

**TOTAL**

(sum of items 1-9)

\$19,728,420.00

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

In FY2012, the NRC reported that \$294,146.00 was spent on declassification (Item #4). Due to resource constraints, no declassification reviews were conducted in FY2013 and as a result, no FTE and associated expenditures were reported on declassification (Item #4). Declassification reviews will resume in FY2014. There are no other significant differences (>20% difference) between the FY2012 and FY2013 cost estimates.



OFFICIAL USE ONLY — SECURITY-RELATED INFORMATION

Arrived via email:

2 Feb 15

*[Signature]*

February 24, 2015

Mr. John P. Fitzpatrick, Director  
Information Security Oversight Office  
National Archives and Records Administration  
700 Pennsylvania Avenue, NW  
Washington, D.C. 20408-0001

Dear Mr. Fitzpatrick:

In response to your annual request, enclosed is the U.S. Nuclear Regulatory Commission (NRC) submission for the *Report on Cost Estimates for Security Classification Activities for Fiscal Year 2014*.

If you have any questions regarding this NRC cost estimate, please contact Mrs. Krista Ziebell, Information Security Branch, Division of Security Operations, Office of Nuclear Security and Incident Response at (301) 415-7121.

Sincerely,

/RA/

Michael R. Johnson  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Enclosure:  
*Cost Estimates for Security Classification  
Activities for Fiscal Year 2014*

The enclosure transmitted herewith contains SUNSI. When separated from the enclosure, this transmittal document is decontrolled.

OFFICIAL USE ONLY — SECURITY-RELATED INFORMATION

## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

**Department/Agency:** U.S. Nuclear Regulatory Commission

**Fiscal Year:** 2014

**Point of Contact:**

(Name and phone number) Krista M. Ziebell, Information Security Specialist, (301) 415-7121

### Reporting Categories

Please use actual dollar figures.

**1. Personnel Security**

(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)

\$4,550,691.00

**2. Physical Security**

(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)

\$15,260,044.00

**3. Classification Management**

(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)

\$760,000.00

**4. Declassification**

(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)

\$20,000.00

**5. Protection and Maintenance for Classified Information Systems**

(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)

\$3,946,000.00

**6. Operations Security and Technical Surveillance Countermeasures**

(include personnel and operating expenses associated with OPSEC and TSCM)

\$100,000.00

**7. Professional Education, Training, and Awareness**

(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)

\$40,000.00

**8. Security Management, Oversight, and Planning**

(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))

\$800,000.00

**9. Unique Items**

(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)

\$0.00

**TOTAL**

(sum of items 1-9)

\$25,476,735.00

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

While minimal declassification reviews occurred in FY2014, declassification reviews will increase in FY2015. The increase in physical security costs from \$9,990,604 in FY2013 to \$15,260,044 in FY2014 can be primarily attributed to an increase in full-time employees (FTE) to meet staffing requirements, an increase in guard support to provide coverage at regional facilities, an expanded scope of Technical Surveillance Countermeasures (TSCM), and the deployment of a new Visitor Access Request System.



## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

**Department/Agency:** U.S. Nuclear Regulatory Commission

**Fiscal Year:** 2015

**Point of Contact:**

(Name and phone number) Krista M. Ziebell, Information Security Specialist, (301) 415-7121

### Reporting Categories

Please use actual dollar figures.

**1. Personnel Security**

*(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)*

\$4,425,237.87

**2. Physical Security**

*(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)*

\$13,647,500.00

**3. Classification Management**

*(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)*

\$815,000.00

**4. Declassification**

*(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)*

\$122,250.00

**5. Protection and Maintenance for Classified Information Systems**

*(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)*

\$4,438,600.00

**6. Operations Security and Technical Surveillance Countermeasures**

*(include personnel and operating expenses associated with OPSEC and TSCM)*

\$100,000.00

**7. Professional Education, Training, and Awareness**

*(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)*

\$40,750.00

**8. Security Management, Oversight, and Planning**

*(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))*

\$815,000.00

**9. Unique Items**

*(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)*

\$0.00

**TOTAL**

*(sum of items 1-9)*

\$24,404,337.87

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

The full time employee (FTE) conversion rate increased from \$160,000 in FY2014 to \$163,000 in FY2015, which impacted the FTE attributed to all reporting categories. The decrease in physical security costs from \$15,260,044 in FY2014 to \$13,647,500 in FY2015 is primarily attributed to a reduction in guard coverage because of co-occupancy with another federal agency and removal of guards from satellite buildings, once vacated. Narrative continued on attached page.

## Instructions for Completing Form

**I. General:** The data reported will be Government cost estimates only. The estimates of resource costs should be reported, in the aggregate, for the following categories: (1) Personnel Security; (2) Physical Security; (3) Classification Management; (4) Declassification; (5) Protection and Maintenance for Classified information Systems; (6) Operations Security and Technical Surveillance Countermeasures; (7) Professional Education, Training, and Awareness; (8) Security Management, Oversight, and Planning; and (9) Unique Items. In reporting cost estimates associated with the security and management of classified information, please exclude all costs related to broad areas of assets protection (i.e., protection of property and personnel not specifically related to classified information). Counterintelligence\* resources should also not be included in this data collection. If 51% or more of a resource is devoted to a classification-related activity, it should be included in this estimate. For those resources used for classification-related activities on a part-time basis, the total time devoted to these activities over a year must be at least 51% in order to be included in this estimate. Even though we no longer ask for the number of FTEs, the cost of personnel associated with the security of classified information should be included in the overall cost estimate for each category.

**II. Definitions of data to be reported:** The primary categories are defined below along with related functional areas to be considered for inclusion. **Report only those cost estimates associated with classification-related activities** (programs that affect the security of classified information).

**1. Personnel Security:** A series of interlocking and mutually supporting program elements that initially establish a Government or contractor employee's eligibility, and ensure suitability for the continued access to classified information.

**Clearance Program:** Personnel and activities to determine eligibility and suitability for initial or continuing access to classified information or activities.

**Initial Investigations:** Completing and reviewing Personnel Security Questionnaire, initial screening, filing data in Central Personnel Database, forwarding to appropriate investigative authority, and the investigation itself.

**National Agency Check:** Include only when used for basis for granting a clearance.

**Adjudication:** Screening and analysis of personnel security cases for determining eligibility for classified access authorizations and appeals process.

**Reinvestigations:** Periodic recurring investigations of Government and contractor personnel.

**Polygraph:** Substantive examinations in security screening process.

**2. Physical Security:** That portion of security concerned with physical measures designed to safeguard and protect classified facilities and information, domestic or foreign.

**Physical Security Equipment:** Any item, device, or system that is used primarily for the protection of classified information and installations.

**Protective Forces:** All personnel and operating costs associated with protective forces used to safeguard classified information or installations, to include but not limited to salaries, overtime, benefits, materials and supplies, equipment and facilities, vehicles, aircraft, training, communications equipment, and management.

**Intrusion Detection and Assessment:** Alarms, sensors, protective lighting, and their control systems; and the assessment of the reliability, accuracy, timeliness, and effectiveness of those systems used to safeguard classified information or installations.

**Barrier/Controls:** Walls, fences, barricades, or other fabricated or natural impediments to restrict, limit, delay, or deny entry into a classified installation.

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\* Counterintelligence means information gathered and activities conducted to protect against espionage, other intelligence activities, sabotage, or assassinations conducted for or on behalf of foreign powers, organizations or persons or international terrorist activities, but not including personnel, physical, document, or communications security programs. (48 CFR 970.0404-1)



### Instructions for completing form, continued

**Vital Components and Tamper-Safe Monitoring:** Personnel and operating activities associated with the monitoring of tamper indicating devices for containers, doors, fences, etc., which reveal violations of containment integrity and posting and monitoring of anti-tamper warnings or signs.

**Access Control/Badging:** Personnel and hardware such as badging systems, card readers, turnstiles, metal detectors, cipher locks, CCTV, and other access control mechanisms to ensure that only authorized persons are allowed to enter or leave a classified facility.

**Visitor Control:** Personnel and activities associated with processing visitors for access to facilities holding classified information.

3. **Classification Management:** The system of administrative policies and procedures for identifying, controlling, and protecting from unauthorized disclosure, classified information, the protection of which is authorized by Executive Order or Statute. Classification management encompasses those resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information.

4. **Declassification:** The authorized change in the status of information from classified information to unclassified information. It encompasses those resources used to identify and process information subject to the automatic, systematic, or mandatory review programs authorized by Executive Order or Statute.

5. **Protection and Maintenance for Classified Information Systems:** A classified information system is a set of information resources organized for the collection, storage, processing, maintenance, use, sharing, dissemination, disposition, display, or transmission of classified information. Security of these systems involves the protection of information systems against unauthorized access to or modification of information, whether in storage, processing, or transit, and against the denial of service to authorized users, including those measures necessary to detect, document and counter such threats. This includes **TEMPEST** (short name referring to investigation, study, and control of compromising emanations from information systems equipment) and **Communications Security (COMSEC)** (measures and controls taken to deny unauthorized individuals information derived from telecommunications and to ensure the authenticity of such telecommunications. Communications security includes cryptosecurity, transmission security, emission security, and physical security of COMSEC material).

#### 6. **Operations Security (OPSEC) and Technical Surveillance Countermeasures (TSCM):**

**Operations Security (OPSEC):** Systematic and proven process by which potential adversaries can be denied information about capabilities and intentions by identifying, controlling, and protecting generally unclassified evidence of the planning and execution of sensitive activities. The process involves five steps: identification of critical information, analysis of threats, analysis of vulnerabilities, assessment of risks, and application of appropriate countermeasures.

**Technical Surveillance Countermeasures (TSCM):** Personnel and operating expenses associated with the development, training, and application of technical security countermeasures such as non-destructive and destructive searches, electromagnetic energy searches, and telephone system searches.

7. **Professional Education, Training, and Awareness:** The establishment, maintenance, direction, support, and assessment of an information security training and awareness program; the certification and approval of the training program; the development, management, and maintenance of training records; the training of personnel to perform tasks associated with their duties; and qualification and/or certification of personnel before assignment of security responsibilities related to classified information.

8. **Security Management, Oversight, and Planning:** Development and implementation of plans, procedures, and actions to accomplish policy requirements, develop budget and resource requirements, oversee organizational activities, and respond to management requests related to classified information.

**Research, Test, and Evaluation:** The development, management, and oversight of an acceptance and validation testing and evaluation program, corrective action reports and related documentation that addresses safeguards and security elements. The examination and testing of physical security systems (construction, facilities, and equipment) to ensure their effectiveness and operability and compliance with applicable directives.

### Instructions for completing form, continued

**Surveys, Reviews, Accreditation, and Assessments:** Personnel and activities associated with surveys, reviews, accreditations, and assessments to determine the status of the security program and to evaluate its effectiveness; development and management of a facility survey and approval program; facility pre-survey; and information technology system accreditation.

**Special Access Programs (SAP):** Programs established for a specific class of classified information that impose safeguarding and access requirements that exceed those normally required for information at the same classification level. Unless specifically authorized by the President, only the Secretaries of State, Defense, Energy, and the Director of National Intelligence may create an SAP. Sensitive Compartmented Information (SCI) programs are not included as SAPs for the purpose of these estimates; rather SCI security costs are integrated and estimated throughout all categories as appropriate. Do not include costs here that have been reported under the other primary categories.

**Security and Investigative Matters:** The investigation of security incidents, infractions, and violations.

**Industrial Security (Non-Contractor Costs):** Those measures and resources directly identifiable as Government activities performed for the protection of classified information to which contractors, subcontractors, vendors, or suppliers have access or possession. Examples of such activities are industrial security reviews, surveys, and the granting of facility clearances, and National Industrial Security Program management and administration.

**Foreign Ownership, Control, or Influence (FOCI):** The development and management of a foreign ownership, control, or influence program; evaluation of FOCI submissions; the administration and monitoring of FOCI information and development of FOCI notifications.

**9. Unique Items:** Those department/agency-specific activities that are not reported in any of the primary categories but are nonetheless significant, and need to be included, should be noted in this category. Any unique item must include a narrative on why it should be included and how the figures were developed.

**III. How to complete the security costs estimates form.** The form (page 1) should include estimates of resource costs in the aggregate for each of the nine categories. The cost estimates reported should **not** include costs associated with the broader area of assets protection.

**1. Name of Department/Agency:** Self-explanatory.

**2. Reporting Categories:** List cost estimates in dollar amounts. The cost of personnel associated with the security of classified information should be included in the overall cost estimate for each category. If there are no cost estimates to be reported for a particular category, indicate with a "0" in the appropriate block.

**3. Totals:** The totals for blocks 1-9 will automatically be placed in the appropriate block.

**4. Narrative:** In the narrative portion of the form, or in a separate attachment, provide a brief explanation of how cost estimates were determined. If there is a significant difference between the total figures for each fiscal year, explain the differences. Any figure reported within the Unique Items category should be clearly explained in the narrative portion.



## AGENCY SECURITY CLASSIFICATION COSTS ESTIMATES

**Department/Agency:** U.S. Nuclear Regulatory Commission

**Fiscal Year:** 2016

**Point of Contact:**

(Name and phone number) Krista M. Ziebell, Information Security Specialist, (301) 415-7121

### Reporting Categories

Please use actual dollar figures.

**1. Personnel Security**

(include clearance program, initial investigations, national agency checks when used as basis for granting a clearance, adjudication, reinvestigation, polygraph associated with classification-related activities)

\$4,717,930.00

**2. Physical Security**

(include physical security equipment, protective forces, intrusion detection and assessment, barrier/controls, tamper-safe monitoring, access control/badging, visitor control associated with classification-related activities)

\$12,790,220.00

**3. Classification Management**

(include resources used to identify, control, transfer, transmit, retrieve, inventory, archive, declassify, or destroy classified information)

\$702,938.00

**4. Declassification**

(include resources used to identify and process information subject to the automatic, systematic, discretionary, or mandatory review programs authorized by Executive Order or Statute)

\$161,119.00

**5. Protection and Maintenance for Classified Information Systems**

(include resources used to protect and maintain classified information systems from unauthorized access or modification of information, and against the denial of service to authorized users, including measures necessary to detect, document, and counter such threats)

\$4,751,890.00

**6. Operations Security and Technical Surveillance Countermeasures**

(include personnel and operating expenses associated with OPSEC and TSCM)

\$300,000.00

**7. Professional Education, Training, and Awareness**

(include resources used to establish, maintain, direct, support, and assess an information security training and awareness program; certification and approval of the training program; development, management, and maintenance of training records; training of personnel to perform tasks; and qualification and/or certification of personnel associated with classification-related activities)

\$42,965.00

**8. Security Management, Oversight, and Planning**

(include resources associated with research, test, and evaluation; surveys, reviews, accreditation, and assessments; special access programs; security and investigative matters; industrial security; and foreign ownership, control, or influence (FOCI))

\$800,740.00

**9. Unique Items**

(include department/agency-specific activities not reported in any of the categories listed above, but are nonetheless significant and need to be included)

\$0.00

**TOTAL**

(sum of items 1-9)

\$24,267,802.00

**Narrative:** Provide a brief explanation of any significant difference between last year's and this year's cost estimates. Explain items entered into block 9, Unique Items.

The full time employee (FTE) conversion rate changed from \$163,000 for all FTE in FY15 to \$152,340 for corporate support FTE and \$171,860 for program FTE in FY16, which impacted the costs in all categories. The increase in Item 5 from FY15 to FY16 is attributed in part to a 10% increase in information system expenditures as result of the annual inflation associated with contractor and interagency agreement costs. The increase in Item 6 from FY15 to FY16 resulted from the purchase of additional equipment and training.



# Industry Security Cost Estimates for CY 2003

**BEST AVAILABLE COPY**

Category	Population size N	Sample size n	Sample total (\$K)	Standard deviation (\$K)	Sample average (\$K)	Estimated category total (\$K)
A	123	39	163,013	5179.40	4179.82	514,118
B	133	45	58,481	2184.81	1299.58	172,844
C	299	65	19,592	451.80	301.42	90,123
D	3,952	485	28,771	95.29	59.32	234,439
Sum	4,507	634	269,857			1,011,524
Standard deviation of population total (\$K)						93,037
Degrees of freedom (df)						830
Student's t (0.95, df, one-sided)						1.66
Upper 95% confidence limit (\$K)						1,166,265

Based on a sample of 634 companies stratified into four categories (A - D), we estimate total security costs for CY 2003 to be \$1,011,524 million (rounded to \$1.012 billion). Clearly, this figure does not reflect costs associated with companies in Category E (minimal security activities) for which we have no data.

The \$1.012 billion figure does not reflect variability due to sampling error. If we factor in sampling error using a standard deviation of \$93,037 million (rounded to \$94 million), we obtain a 95% upper confidence limit of \$1,166,265 million (\$1.166 billion). This means that we have 95% confidence that the true (but unknown) population total cost does not exceed \$1.166 billion.

## Assumptions:

- Companies were stratified properly, using sound criteria that reflect actual security costs for each category.
- Companies were selected at random from each category.
- The security cost profile for non-responding companies is similar to that of responding companies.

Prepared by: Dan Lurie, Ph.D., U.S. Nuclear Regulatory Commission, OCFQDPBA

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